

VOX DA10/DA20 DIGITAL AMP

Owner's Manual



IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Mains powered apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. (for USA and Canada)
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Turning off the power switch does not completely isolate this product from the power line so remove the plug from the socket if not using it for extended periods of time.
- Install this product near the wall socket and keep the power plug easily accessible.
- **WARNING**—This apparatus shall be connected to a mains socket outlet with a protective earthing connection.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Do not install this equipment on the far position from wall outlet and/or convenience receptacle.
- Do not install this equipment in a confined space such as a box for the conveyance or similar unit.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



AVERTISSEMENT:
RISQUE DE CHOC ÉLECTRIQUE—NE PAS OUVRIR.

注意

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The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

THE FCC REGULATION WARNING (for USA)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Unauthorized changes or modification to this system can void the user's authority to operate this equipment.

Notice regarding disposal (for EU)



If this "crossed-out wheeled bin" symbol is shown on the product or in the operating manual, you must dispose of the product in an appropriate way. Do not dispose of this product along with your household trash. By disposing of this product correctly, you can avoid environmental harm or health risk. The correct method of disposal will depend on your locality, so please contact the appropriate local authorities for details.

* Company names, product names, and names of formats etc. are the trademarks or registered trademarks of their respective owners.

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Introduction

Welcome aboard!

Thanks for choosing the VOX DA10/DA20. To ensure a long and trouble-free relationship with your new amp, please read this manual carefully, use the amp as directed and keep the manual for future reference.

Main features

- The compact DA10/DA20 features ten or twenty watts (10W/20W) producing stellar tones inherited from the VOX Valvetronix series (AD15VT, AD30VT, AD50VT, AD100VT).
- The amplifier can be powered by six C alkaline batteries. This portability feature enables you to play anywhere. When powered by batteries, the amplifier outputs a maximum of 5 watts, and features up to 25 hours of play time (at the output wattage of 0.5W).
- Inputs include an AUX IN jack, for connecting an external audio device (CD, MP3 player, etc.), and a MIC INPUT jack, to which you can connect a microphone. You can play along with recorded music or accompany your vocals on guitar.
- The TAP button enables you to easily set the flanger speed or delay time in sync with the tempo.
- The amplifier provides eleven distinctive sound styles that can be used in various musical genres.

- Eleven high-quality effects are built in and seven are multi effects that let you use two effects simultaneously plus Noise Reduction.
- The power select switch lets you adjust the output wattage of the power amp. This means that even when the master volume is turned up to the max to drive the power amp, you can lower the volume without losing any tone or feel.

Setup

Please refer to the illustrations in the section entitled “The Guitarist’s Guided Panel Tour” (page 7).

1. Turn the MASTER volume on the amp all the way down.
2. Insert the batteries as shown on page 5.
Alternatively, plug the supplied power cord into the power input on the rear panel, then plug the power cord into a wall outlet.

NOTE: Never use any Power cord other than the included one.

3. Plug your guitar into the INPUT jack on the top panel. If you also plan to use a CD or MP3 player, or a microphone, connect the player to the AUX IN jack or the microphone to the MIC INPUT jack on the rear panel.
4. Turn on the STANDBY switch.
5. Slowly raise the MASTER volume to a desired level.

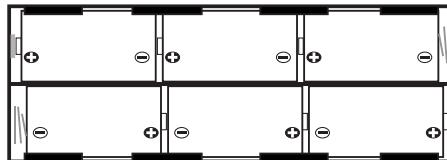
HINT: The rear panel POWER SELECT switch controls the output level of the power amp, letting you adjust the volume while keeping that great-sounding power-amp distortion!

HINT: Selecting a lower output wattage during battery operation will extend battery life.

Installing Batteries

Remove the battery compartment cover located on the bottom of the unit by pulling the ribbon. Insert six C alkaline batteries as shown in the figure. Be sure to observe the correct polarity.

NOTE: Batteries are not included. You will need to purchase them separately. Never use any type of battery other than alkaline batteries.



About battery life

The battery life varies depending on the output wattage selected by the POWER SELECT switch.

POWER SELECT	Battery life
MAX	8 hours
1.5W	18 hours
0.5W	25 hours

NOTE: If batteries are used, the maximum output wattage of the amplifier (i.e., with the POWER SELECT switch set to MAX) is about 5W.

Replacing the batteries

Replace the batteries when the indicator above the STANDBY switch becomes dim.

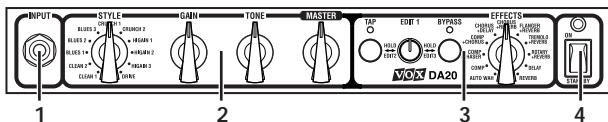
NOTE: *If the battery power is low, noise may be heard.*

NOTE: *Depleted batteries must be removed from the DA10/DA20 immediately. If you leave them in, malfunctions such as battery leakage may occur. You should also remove the batteries if you will not be using the DA10/DA20 for an extended time.*

The Guitarist's Guided Panel Tour

In this chapter we're going to take a look at the top and rear panels of your amp.

A. Top Panel



1. INPUT Section

This is where you plug in your guitar.

2. AMP Section

Here's where you adjust the settings for your amplifier.

STYLE selector switch

This switch selects one of the eleven different sound Styles including clean sounds, slightly-distorted bluesy sounds, crunchy rhythm sounds, and high-gain lead sounds. When you select a different type of sound, the noise reduction setting is automatically configured to accommodate the selected amp sound Style.

GAIN

This adjusts the preamp gain.

TONE

This adjusts the tone.

MASTER

This adjusts the overall volume of the amplifier.

NOTE: *The GAIN control also affects the amount of distortion. For some settings, there may be virtually no distortion.*

3. Effect section

Here you can adjust settings for the effects and noise reduction. For details on each effect, refer to "Styles and effects" (page 12).

EFFECTS

Selects the type of effect. You can use the TAP button, EDIT 1 knob and Bypass button to adjust the parameters of each effect. When you select an effect type, the effect parameters will be initialized and Effect Bypass will be defeated.

EDIT 1

Use this to adjust the parameters of each effect. By using this knob in conjunction with the TAP and BY-PASS buttons as described below, you can adjust three different parameters. (That is, if the BYPASS LED is dark.)

Turn EDIT 1 (without pressing a button) (EDIT 1)

Turn EDIT 1 while pressing TAP (EDIT 2)

Turn EDIT 1 while pressing BYPASS (EDIT 3). If the BYPASS LED is lit (the effect is bypassed), you can hold down the TAP button and turn the EDIT 1 knob simultaneously to adjust the noise reduction sensitivity.

NOTE: You can't adjust the effect parameters while the BYPASS LED is lit.

NOTE: When you turn on the DA10/DA20, the EDIT 2, EDIT 3 and Noise Reduction parameters will be automatically set to the values appropriate to the current selection of the EFFECTS and STYLE selector switches.

TAP (EDIT 2) and LED

This button enables you to set the speed of a modulation-type effect such as CHORUS or FLANGER the DELAY time or REVERB length. Simply press the TAP button twice at the desired interval and the LED blinks at the specified speed or time.

HINT: To set the time to exactly match the tempo of a song, press the TAP button several times along with the song.

HINT: You can also further adjust the speed or time, by holding down the TAP button and turning the EDIT 1 knob. (This is the EDIT 2 mode)

NOTE: If the BYPASS LED is lit, you won't be able to use the TAP switch to set the time. (The TAP LED will be dark.)

NOTE: If you turn off the power to the unit, the value set by the TAP button will be reset to its initial value.

BYPASS (EDIT 3) and LED

If you don't want to use an effect, press this button to turn the effect off (i.e., bypassed). If the effect is bypassed, this LED will be lit.

NOTE: You can't adjust the effect parameters if the BYPASS LED is lit.

HINT: While the effect is bypassed, you can adjust the noise reduction sensitivity by holding down the TAP button and turning the EDIT 1 knob.

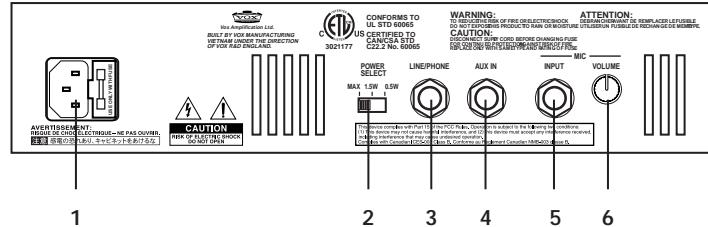
HINT: The bypass setting is remembered even when you switch modes, switch programs, or turn off the power.

HINT: The Bypass button can be used to modify effect parameters (EDIT 3). Press and hold Bypass and simultaneously turn the EDIT 1 knob. See the chart on page 14 for what parameters can be controlled.

4. STANDBY switch

When the power is on, the indicator located above the switch will be lit.

B. Rear Panel



1. Power input

Connect the included power cord here.

2. POWER SELECT

This switch adjusts the output wattage of the power amp. This means that even when the master volume is turned up to max to drive the power amp, you can adjust the volume without losing any tone or feel.

3. LINE/PHONE jack

Use this jack if you're plugging directly in to a mixer, recording device, or if you're using headphones. The output signal from this jack is taken before the power amp, and the character of the guitar amp cabinet is applied to it.

NOTE: Connecting headphones to this jack will mute the internal speaker.

4. AUX IN jack

Connect an external audio device to this jack. This enables you to conveniently connect a CD or MP3 player and play your guitar along with the player's output.

NOTE: Adjust the playback volume on the connected player.

5. MIC INPUT jack

Connect a microphone to this jack.

6. MIC VOLUME knob

This adjusts the volume of the microphone input.

Creating Your Own Program and Adjusting the Noise Reduction

This section explains how to create your own program, including how to adjust effect parameters and the noise reduction setting.

As you'll hear, selecting a different effect type by using the EFFECTS selector switch will automatically adjust the EDIT 2 and EDIT 3 parameter values to suit the selected effect type.

In addition, selecting a different amp sound style by using the STYLE selector switch will automatically set the noise reduction to a value that suits the selected amp type. This can be very convenient. However, you may sometimes want to tweak an existing preset program to change a sound to exactly what you have in mind. Alternatively, you may want to adventurously explore the world of sound creation and design by starting from scratch.

HINT: *When you turn on the DA10/DA20, the EDIT 2, EDIT 3 and Noise Reduction parameters will be automatically set to the values appropriate to the current selection of the EFFECTS and STYLE selector switches.*

Creating your own program

Let's start from scratch.

1. Use the BYPASS button to bypass the effect. (The BYPASS LED is lit.) If you want to use an effect, you can add it at the end of this process.
2. Use the STYLE selector switch to select an amp sound type.

HINT: *For more details on STYLE options, refer to "Styles and Effects" (page 12).*

3. Adjust the top panel GAIN and TONE knobs.
4. Hold down the TAP button and turn the EDIT 1 knob to adjust the noise reduction. This setting is also saved as part of your program. For details, refer to "Adjusting the noise reduction" (page 11)

HINT: *Adjust the noise reduction so that you don't hear noise when you're not playing your guitar.*

5. If you want to use an effect, press the BYPASS button to turn bypass off (the BYPASS LED goes dark).
6. Select an effect, and make adjustments. For example if you want to add delay, turn the EFFECT selector to "DELAY." If the selector is already set to "DELAY," you'll have to turn it to a different effect and then back to "DELAY."

Use the TAP button or EDIT 1 knob to adjust the delay time and delay level.

DELAY TIME:	Press the TAP button twice at the desired interval, or hold down the TAP button and turn EDIT 1.
DELAY LEVEL:	Turn EDIT 1 (without pressing any button).
DELAY FEEDBACK:	Turn EDIT 1 while holding down the BYPASS button.

HINT: *For details on the effects, refer to "Styles and effects" (page 12).*

Adjusting the noise reduction

Here's how to adjust the noise reduction

HINT: *When you use a high-gain amp type such as "HIGAIN 1," "HIGAIN 2" or "HIGAIN 3," we recommend that you use noise reduction.*

1. Press the BYPASS button to make the BYPASS LED light.
2. Hold down the TAP button and turn the EDIT 1 knob to adjust the noise reduction sensitivity. Turning the knob toward the right will produce greater noise reduction (less noise). If you turn the knob all the way to the left, noise reduction will be off (more noise).

NOTE: *Depending on the guitar you're using, excessively high noise reduction settings may cause notes to be cut off in an unwanted manner!*

NOTE: *When you select a different type of sound, the noise reduction setting is automatically configured to its initial value to accommodate the selected amp sound Style.*

3. If you want to use effects, press the BYPASS button to make the BYPASS LED go dark and the effect(s) will be heard.

Styles and effects

In this section we're going to talk about the eleven styles and effects.

STYLES

You know that there is a plethora of great sounding amps out there, and that the quest for the ultimate sound can be endless. After countless hours of soul searching, earnest discussions (not to mention the occasional friendly argument!), calls to tone-wise friends (some professional players, some not ... but all blessed with great ears)—plus, of course, listening and playing—a top eleven list was finally drawn up. As you're about to discover, the ones we went with are not only the cream of the crop but also offer up the widest possible array of the greatest guitar tones known to humans—from pristine clean to outrageous overdrive and all points in-between.

CLEAN 1

This style has a beautifully responsive, rounded low-end, delightfully transient mid-range attack and sweet treble making it the perfect partner for single-coil pickups. Strummed chords just ring out and blossom.

CLEAN 2

This style's clean sound is very tight “n” twangy, with a deep, taut, piano-like bass.

BLUES 1

This style is very responsive to picking dynamics and guitar volume settings. Backing-off your guitar volume can produce a beautifully clean and full tone. It also means that you can make notes or chords more distorted or clean depending on how hard or soft you pick.

BLUES 2

This style has a thick tone with second and third order harmonics that increase as the amp is cranked.

BLUES 3

This instantly recognisable signature tone produces clean sounds that are rich and jangly with a smooth yet detailed top end, and overdrives that have a glorious, throaty bark.

CRUNCH 1

This organic sounding style is dynamically rich and warm, yet biting and distinct!

Rolling back your guitar's volume results in a unique and highly usable clean sound.

CRUNCH 2

This style has a fat, roaring sound with a distinctive, cranium-crushing crunch.

Rolling back your guitar's volume produces a bright, clean sound that's perfect for chord work and will cut through any mix.

HIGAIN 1

This style's toneful, high gain punch and girth results in a highly aggressive, tone-breathing monster capable of mondo-gain while retaining individual note definition.

HIGAIN 2

The deep, loose low-end, some-what "fizzy" top and monstrous gain will make this style a mainstay for modern, players who tune low.

At low GAIN settings, this produces a distinctive, bright clean sound bolstered by rich, upper harmonics that add fullness and dimension.

HIGAIN 3

This is capable of a powerful, heavily saturated sound that combines an open low-end with compressed mids and highs.

The result is a tone that remains focused and well defined at even the most extreme gain settings.

DRIVE

This style has a spectacular overdriven sound that's perfect for sax-like, legato soloing. With its GAIN control wide-open, it produces a stunning sustain which is very smooth and soulful.

Effects

The DA10/DA20 provides eleven of the most popular effects (some effects actually combine two effects). You can adjust the SPEED parameter of modulation effects or the TIME parameter of delay/reverb effects simply by pressing the TAP switch twice. In addition to using the EDIT 1 knob to adjust the most important parameters, you can make more detailed adjustments by holding down the TAP button or BY-PASS button while turning the EDIT 1 knob.

NOTE: *In order to adjust the effect parameters, Effect Bypass must be off (BYPASS LED dark). If you hold down the TAP switch and turn the EDIT 1 knob when bypass is on (BYPASS LED lit), you'll be adjusting the noise reduction - not the effect parameter.*

TYPE	TAP	EDIT 1	EDIT 2 [TAP+EDIT 1]	EDIT 3 [BYPASS+EDIT 1]
AUTO WAH	---	WAH SENS	WAH ATTACK	WAH POLARITY
COMP	---	COMP SENS	COMP ATTACK	---
COMP+PHASER	PHASER SPEED	COMP SENS	PHASER SPEED	PHASER RESONANCE
COMP+CHORUS	CHORUS SPEED	COMP SENS	CHORUS SPEED	CHORUS MIX
CHORUS+DELAY	DELAY TIME	DELAY LEVEL	DELAY TIME	CHORUS MIX
CHORUS+REVERB	CHORUS SPEED	REVERB LEVEL	CHORUS SPEED	CHORUS MIX
FLANGER+REVERB	FLANGER SPEED	REVERB LEVEL	FLANGER SPEED	FLANGER RESONANCE
TREMOLO+REVERB	TREMOLO SPEED	REVERB LEVEL	TREMOLO SPEED	TREMOLO DEPTH
ROTARY+REVERB	ROTARY SPEED	REVERB LEVEL	ROTARY SPEED	ROTARY SENS
DELAY	DELAY TIME	DELAY LEVEL	DELAY TIME	DELAY FEEDBACK
REVERB	REVERB TIME	REVERB LEVEL	REVERB TIME	REVERB HIDAMP

AUTO WAH

This models an auto-wah; a device that creates an automatic “wah” effect that varies with your picking dynamics (i.e., how hard or soft you hit the strings).

EDIT 1 “SENS”	Adjusts the sensitivity of the effect in response to the volume of your guitar.
EDIT 2 “ATTACK”	Adjusts the response speed of the auto wah.
EDIT 3 “POLARITY”	Adjusts the direction in which the effect operates.

COMP

Want to play a clean passage that needs to be nice, smooth, and even? Need a bit more sustain on a lead line? Then look no further; COMP is the effect for you. It’s modeled on a compressor pedal that is hugely popular due to the percussive clean sound it can produce—making it perfect for ‘80s and ‘90s pop and funk rhythm work. It can also add a singing, mellow, sustain to lead lines - clean or dirty.

EDIT 1 “SENS”	Adjusts the sensitivity of the compressor. Turning the knob toward the right will increase the amount of compression and sustain. If you turn the knob all the way to the left, the effect is OFF.
EDIT 2 “ATTACK”	Adjusts the strength of the attack.

HINT: *In the COMP+PHASER and COMP+CHORUS combination effects, the ATTACK parameter is already set to the optimal value.*

PHASER

A model of a much respected and popular analogue phaser, housed in a banana yellow box!

TAP “SPEED”	Sets the modulation speed in a range of 0.1...10 [Hz].
EDIT 2 “SPEED”	This lets you use the knob to make fine adjustments to the parameter.
EDIT 3 “RESONANCE”	Adjusts the amount of resonance.

CHORUS

This models the rich sound of an analog chorus unit.

TAP “SPEED”	Sets the modulation speed in a range of 0.1...10 [Hz].
EDIT 2 “SPEED”	This lets you use the knob to make fine adjustments to the parameter.
EDIT 3 “MIX”	Adjusts the mix amount of the effect.

HINT: *In the CHORUS+DELAY combination effect, the SPEED parameter is already set to the optimal value.*

FLANGER

A model of a truly classic flanger that “unchained” a highly influential modern guitarist who many hail as the “godfather of two-handed tapping.”

TAP “SPEED”	Sets the modulation speed in a range of 0.1...10 [Hz].
EDIT 2 “SPEED”	This lets you use the knob to make fine adjustments to the parameter.
EDIT 3 “RESONANCE”	Adjusts the amount of resonance.

TREMOLO

This effect is based on the highly acclaimed tremolo circuit found in some guitar amps.

TAP "SPEED"	Sets the tremolo speed in a range of 2.5...10 [Hz].
EDIT 2 "SPEED"	This lets you use the knob to make fine adjustments to the parameter.
EDIT 3 "DEPTH"	Adjusts the tremolo depth.

ROTARY

This models a rotary speaker.

TAP "SPEED"	Sets the rotational speed of the speaker in a range of 0.8...10 [Hz].
EDIT 2 "SPEED"	This lets you use the knob to make fine adjustments to the parameter.
EDIT 3 "SENS"	By adjusting this parameter you can make the rotational speed change automatically in response to the volume of your guitar. If you use this function, set the SPEED to a slow setting.

DELAY

This is a model of one of the most respected analogue tape echo machines ever made. In the original the "echo" is produced by a playback head and the exact "delay time" is set by varying the motor speed. Many professionals prefer these "lo-fi" units because of the warm, dark echoes they produce.

TAP "TIME"	Sets the delay time in a range of 1...1,486 [ms].
EDIT 1 "MIX"	Adjust the mix amount of the delayed sound.
EDIT 2 "TIME"	This lets you use the knob to make fine adjustments to the parameter.
EDIT 3 "FEEDBACK"	Adjusts the amount of feedback.

HINT: *In the CHORUS+DELAY combination effect, the FEEDBACK parameter is already set to the optimal value.*

WARNING! *If you crank up the FEEDBACK too much, an uncontrollable, cascading "runaway" of echoes will occur. So, use your ears when setting this!*

REVERB

A model of the most popular spring reverb system used in guitar amps.

TAP "TIME"	Sets the reverb time in a range of 0.8...8 [seconds].
EDIT 1 "MIX"	Adjusts the mix amount of the reverb.
EDIT 2 "TIME"	This lets you use the knob to adjust the reverb time.
EDIT 3 "HI DAMP"	Adjusts the dampening of the high-frequency range.

HINT: *In combination effects, the TIME and HI DAMP parameters are already set to optimal values.*

Troubleshooting

1. **The amp isn't powering up when the STANDBY switch is ON.**
 - Have you installed batteries? Is the polarity correct? Or, is the power cord connected to the rear panel of the amp correctly?
 - Is the power cord plugged into an AC outlet?
 - Is the AC outlet switched on and working?
 - Is the power cord damaged?
2. **There's no sound coming from the amp**
 - Is your guitar turned up?
 - Are both ends of your guitar cable plugged into where they should be?
 - Is your guitar cable working?
 - Are the top panel MASTER volume and GAIN knob turned up?
 - Do you have headphones or anything else plugged into the amp's rear panel LINE/PHONE jack? If "yes," unplug!
3. **The amp doesn't seem very loud**
 - Is your guitar turned up?
 - Is the top panel MASTER volume or GAIN knob turned down low?
 - Is the POWER SELECT switch on the rear panel set to a lower wattage?
 - Are you using batteries? If batteries are used, the maximum output wattage of the amplifier is about 5W.
 - The batteries may be worn out.

4. **There's no sound heard from the LINE/PHONE jack when you use it.**

- Check that the top panel MASTER volume isn't turned all the way down.
- Make sure sound is coming from the amp.

IMPORTANT NOTE: *You'll need to unplug your headphones or cable from the LINE/PHONE jack to do this, since plugging something into this jack automatically mutes the amp's speakers. If there's still no sound from the amp, go to "There's no sound coming from the amp." If you do hear sound, check the headphones or cable you are hooking up to this jack.*

5. **You can't hear any effects.**

- Check that the BYPASS LED isn't lit. If it is lit, the effect is bypassed. Press the BYPASS button to disengage it; the BYPASS LED will go off.
- Is the EDIT 1 knob turned down too low? Adjust the EDIT 1 knob.

6. **You cannot hear the sound from a player connected to the rear panel AUX IN jack.**

- Is the player connected to the amp correctly?
- Is the volume level on the player set too low?

7. **You cannot hear sound from a microphone connected to the MIC INPUT jack.**

- Is the microphone connected to the amp correctly? Is the mic switch turned on?
- Is the MIC VOLUME knob set too low?

Specifications

Number of amp types: 11

Number of effects: 11

Noise reduction: 1

Input/output jacks:

Top panel: 1x INPUT

Rear panel: 1x AUX IN jack, 1x MIC
INPUT jack, 1x LINE/
PHONE jack

Power amp output:

DA10: Maximum 10W RMS @ 8
ohms

DA20: Maximum 20W RMS @ 8
ohms

Speaker:

DA10: 2x VOX original (6.5inch 8
ohm)

DA20: 2x VOX original (8inch 8
ohm)

Signal processing:

A/D conversion: 24-bit

D/A conversion: 24-bit

Sampling frequency: 44.1 kHz

Power supply: Six C batteries or local AC
voltage

Power consumption:

DA10: 16W

DA20: 28 W

Dimensions (W x D x H):

DA10: 388 x 185 x 315 (mm)
15.28" x 7.28" x 12.40"

DA20: 463 x 230 x 378 (mm)
18.23" x 9.05" x 14.88"

Weight:

DA10: 7.5 kg/16.53 lbs.

DA20: 10.2 kg/22.49 lbs.

Included items:

Power cord

- * Appearance and specifications of this product are subject to change without notice.

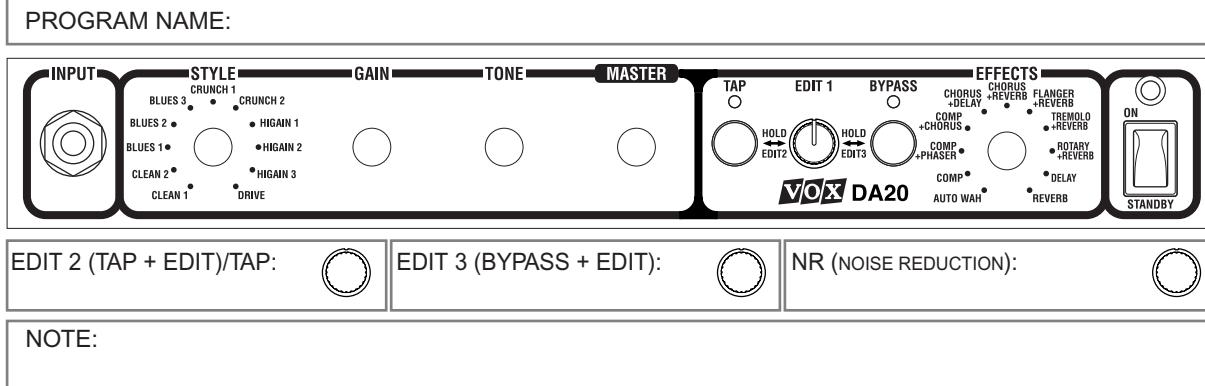
For more information on Vox products, please visit our website at www.oxamps.co.uk

Programmer's Cheat Sheet

Wanna remember how you set up your favorite programs?

Well, this is the place to do it!

Simply copy the sheet below and mark up by drawing lines or coloring. Don't forget to make notes on NR!



IMPORTANT NOTICE TO CONSUMERS

This product has been manufactured according to strict specifications and voltage requirements that are applicable in the country in which it is intended that this product should be used. If you have purchased this product via the internet, through mail order, and/or via a telephone sale, you must verify that this product is intended to be used in the country in which you reside.

WARNING: Use of this product in any country other than that for which it is intended could be dangerous and could invalidate the manufacturer's or distributor's warranty.

Please also retain your receipt as proof of purchase otherwise your product may be disqualified from the manufacturer's or distributor's warranty.



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